

**Please add the following Abstract of the Disclosure:**

**Abstract**

The present invention concerns a process for modifying a lignocellulosic fibre material. In particular, the present invention gives new properties to the fibrous matrix of the material. This is achieved by producing fibrous products with modified properties by activating the fibres of the matrix with an oxidizing agent and attaching compounds to the activated fibre in order to incorporate desired, pre-selected properties in to the fibre matrix. The invention makes possible to produce novel kinds of fibrous materials having practically a large variety of properties. Examples of such properties include hydrophobic hydrophilic character.